

SEQUENCE LISTING

<110> McCrae, Keith R.

<120> Inhibition of Angiogenesis By High Molecular Weight
Kininogen Domain 3 Peptide Analogs

<130> 6056-260 US

<140>

<141>

<150> 60/112,427

<151> 1998-12-16

<160> 21

<170> PatentIn Ver. 2.0

<210> 1

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<223> Description of Artificial Sequence: Human high
molecular weight kininogen (HK) fragment from
domain 3 thereof

<400> 1

Asn Asn Ala Thr Phe Tyr Phe Lys

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<210> 2

<211> 12

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human HK domain 3

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A3

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<223> Description of Artificial Sequence: Fragment of
human HK domain 3

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Thr Leu Thr His Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr
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Phe Tyr Phe Lys Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val
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Cys Val Gly Cys
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Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile
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Pro Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu
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Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile Cys Val Gly Cys Pro
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Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu
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human HK domain 3

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Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr Phe Tyr Phe Lys
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<210> 10

<211> 16

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Asn Asn Ala Thr Phe Tyr Phe Lys Ile Asp Asn Val Lys Lys Ala Arg
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<210> 11

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human HK domain 3

<400> 11

Thr Lys Ile Cys Val Gly Cys Pro Arg Asp Ile Pro Thr Asn Ser Pro
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<210> 12

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<223> Description of Artificial Sequence: Analog of
human HK domain 3 fragment

<400> 12

Leu Asp Ala Asn Ala Glu Val Tyr

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<210> 13

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<223> Description of Artificial Sequence: Fragment of
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Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser

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Val Val Pro Trp Glu Lys Lys Ile Tyr Pro Thr Val

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human HK domain 3

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Glu Thr Lys Lys Leu Gly Gln Ser Leu Asp Ala Asn Ala Glu Val Tyr

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15

<210> 16

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in YEA medium for 24 h at 28°C. The cell concentration of the strains was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results are shown as the mean ± SD of three independent experiments. The asterisk indicates a significant difference (*P* < 0.05) between the two strains.

<400> 16

6

Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr Phe Tyr Phe Lys
 35 40 45

Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val Ala Gly Lys Lys
 50 55 60

Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Cys Ser Lys Glu Ser
 65 70 75 80

Asn Glu Glu Leu Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser
 85 90 95

Leu Asp Cys Asn Ala Glu Val Tyr Val Val Pro Trp Glu Lys Lys Ile
 100 105 110

Tyr Pro Thr Val Asn Cys Gln Pro Leu Gly Met
 115 120

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 domain 3

<400> 19

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<211> 16

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 1 5 10 15

<210> 21

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<212> PRT

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human HK domain 3

<400> 21

Leu Asp Cys Asn Ala Glu Val Tyr

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